# CONTENTS OF VOLUME 136


BLOCH, A. M., P. S. KRISHNAPRASAD, J. E. MARSDEN & R. M. MURRAY, Nonholonomic Mechanical Systems with Symmetry ..... 1

CIARLET, P. G. & V. LODS, Asymptotic Analysis of Linearly Elastic Shells. I. Justification of Membrane Shell Equations ..... 119

CIARLET, P. G. & V. LODS, Asymptotic Analysis of Linearly Elastic Shells. III. Justification of Koiter's Shell Equation ..... 191

CIARLET, P. G., V. LODS & B. MIARA, Asymptotic Analysis of Linearly Elastic Shells. II. Justification of Flexural Shell Equations ..... 163

COX, S. & R. LIPTON, Extremal Eigenvalue Problems for Two-Phase Conductors ..... 101

DESIMONE, A. & P. PODIO-GUIDUGLI, On the Continuum Theory of Deformable Ferromagnetic Solids ..... 201

DONNAT, P. & J. RAUCH, Global Solvability of the Maxwell-Bloch Equations from Nonlinear Optics ..... 291

FABRIZIO, M. & A. MORRO, A Boundary Condition with Memory in Electromagnetism ..... 359

FRIEDMAN, A. & YONG LIU, Propagation of Cracks in Elastic Media ..... 235

IOOSS, G. & P. KIRRMANN, Capillary Gravity Waves on the Free Surface of an Inviscid Fluid of Infinity Depth. Existence of Solitary Waves .... 21

KIRRMANN, P., see IOOSS, G. ..... 21

KRISHNAPRASAD, P. S., see BLOCH, A. M. ..... 1

LANGFORD, W. F., see LEBLANC, V. G. ..... 305

LEBLANC, V. G. & W. F. LANGFORD, Classification and Unfoldings of 1:2 Resonant Hopf Bifurcation ..... 305

LIPTON, R., see COX, S. ..... 101

LODS, V., see CIARLET, P. G. ..... 119, 163, 191

LIU, YONG, see FRIEDMAN, A. ..... 235

MARSDEN, J. E., see BLOCH, A. M. ..... 1

MIARA, B., see CIARLET, P. G. ..... 163

MONLÉON PRADAS, M. & P. PEDREGAL, The Fundamental Property of a Perfect Gas and the Second Law of Thermodynamics ..... 383

MORRO, A., see FABRIZIO, M. ..... 359

MURRAY, R. M., see BLOCH, A. M. ..... 1

PODIO-GUIDUGLI, P., see DESIMONE, A. ..... 201

PEDREGAL, P., see MONLÉON PRADAS, M. ..... 383

RAUCH, J., see DONNAT, P. ..... 291